

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number
WO 2005/005113 A1

BEST AVAILABLE COPY

(51) International Patent Classification⁷: B27C 7/00,
B23Q 3/02, 3/04, B23B 31/02

(21) International Application Number:
PCT/AU2004/000946

(22) International Filing Date: 14 July 2004 (14.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003903604 14 July 2003 (14.07.2003) AU

(71) Applicant (for all designated States except US): NAPIN-
TAS PTY LTD [AU/AU]; 3 Gerald Street, Marrickville,
NSW 2204 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LEADBEATTER,
Bruce, Robert [AU/AU]; 59 Turton Avenue, Belmore,
NSW 2192 (AU).

(74) Agent: HODGKINSON MCINNES PAPPAS; Level 3,
20 Alfred Street, Milsons Point, NSW 2061 (AU).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

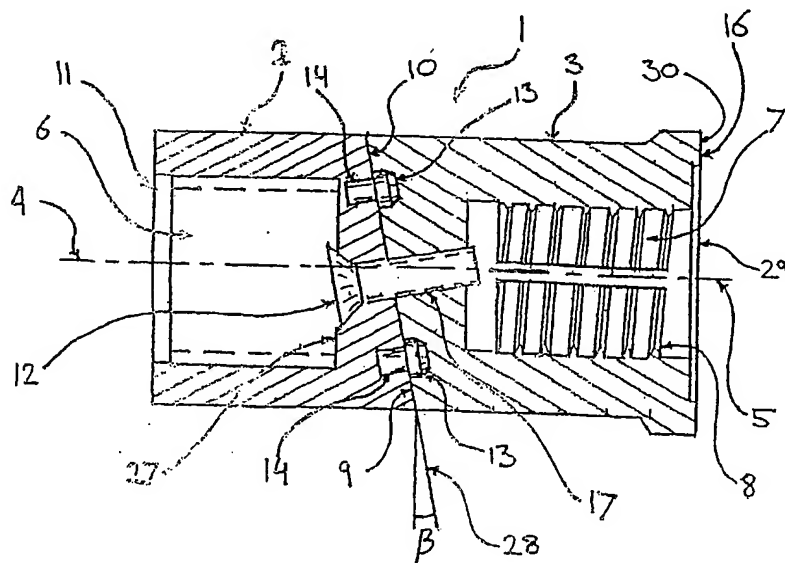
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: CHUCK FOR ANGULAR OFFSET WOODTURNING



(57) Abstract: A chuck (1) for angular offset woodturning comprising a first member (2) adapted to be secured to a lathe, and a second member (3) adapted to support a work piece and secured to the first member in such that the second member is oriented with respect to the first member between at least two configurations. The first member having a first axis (4) coaxial with an axis of rotation of the lathe and the second member having a second axis (5), and in one of the configurations the second axis is coaxial with the first axis, and in the other configuration the second axis is angularly offset. The chuck further comprises releasable fastening means (12) incorporating alignment members allowing the second member to be secured in one of the two configurations and that in the other configuration the second axis lies relative to said first axis at one of a number of predetermined angular offsets.